

FIG. 1A

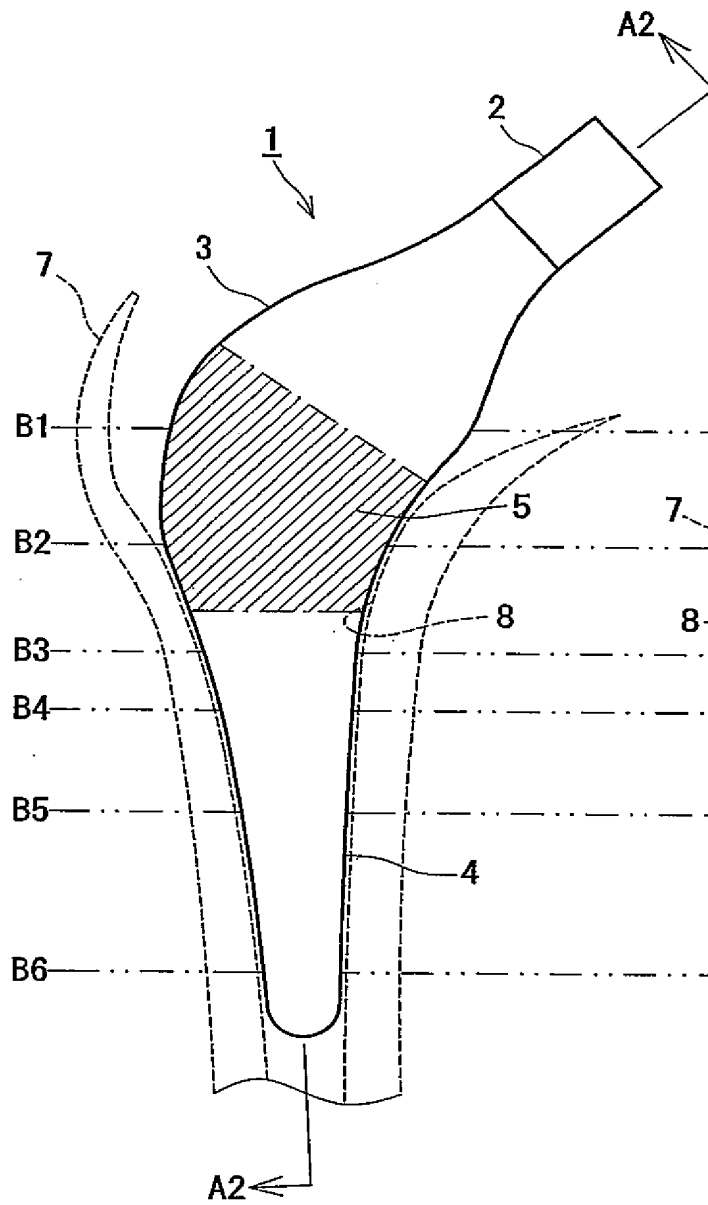


FIG. 1B

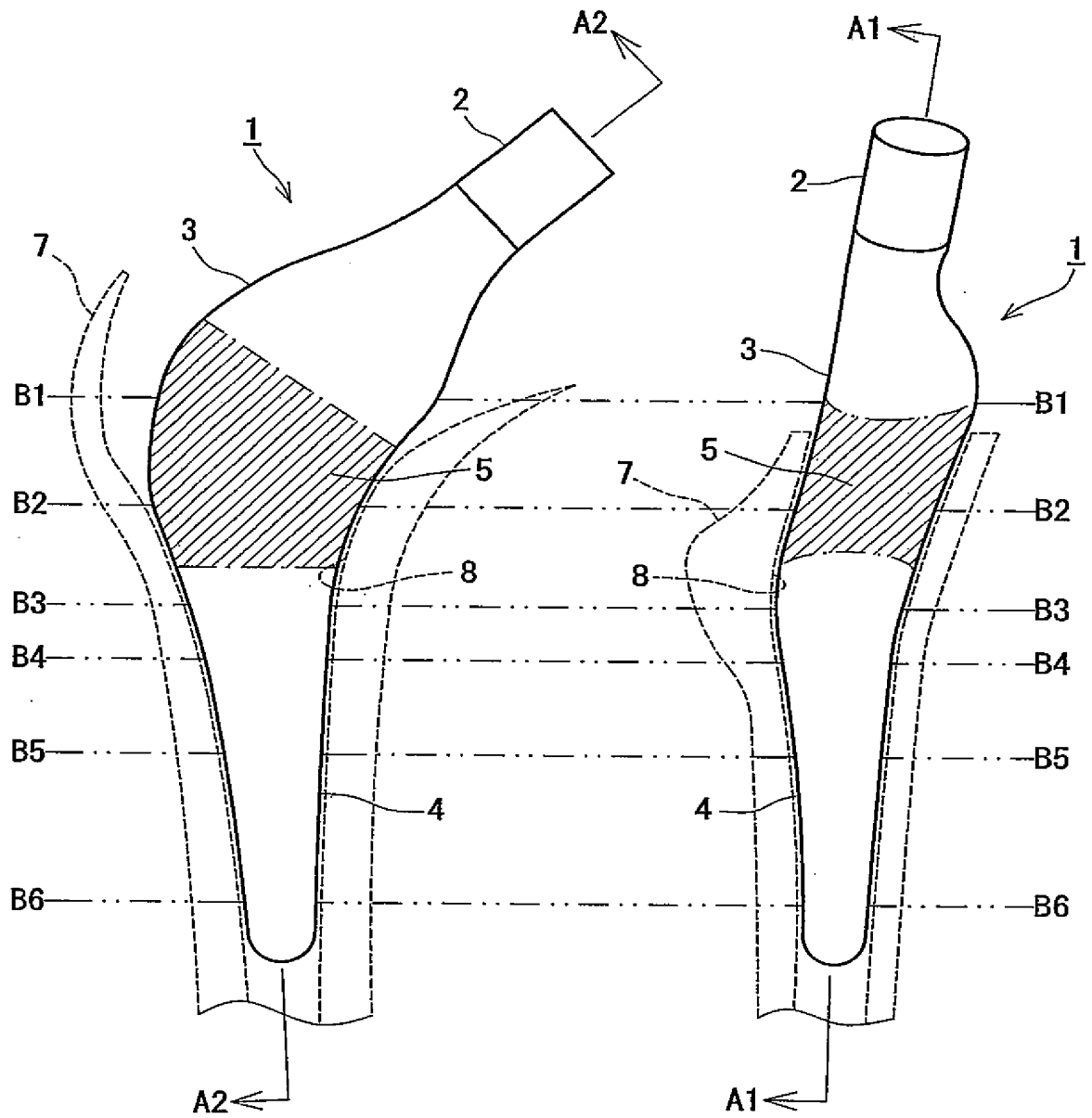


FIG. 2A

Cross section of A1-A1

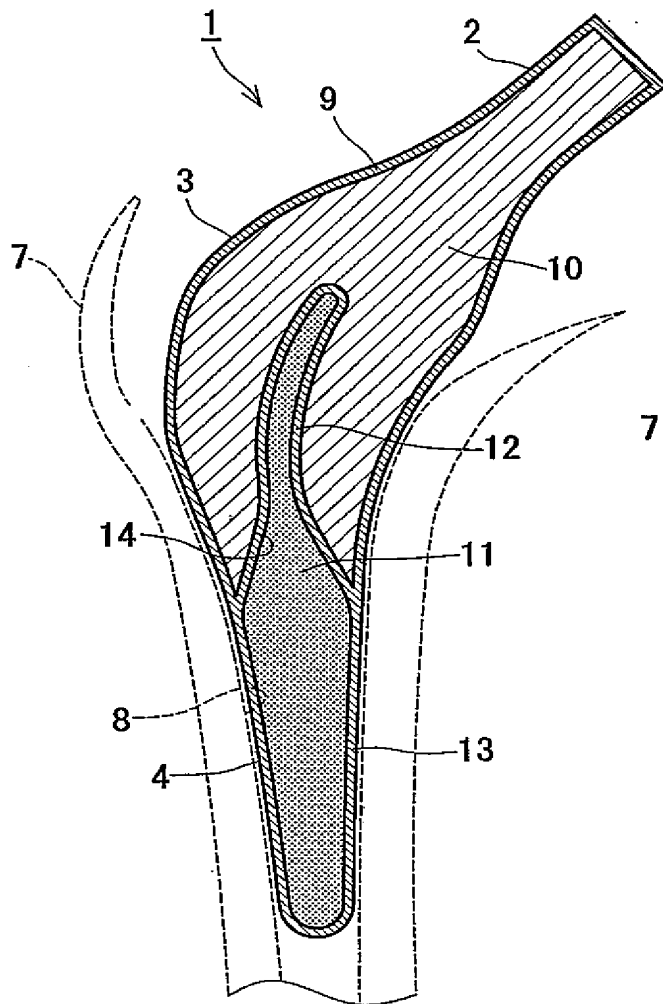


FIG. 2B

Cross section of A2-A2

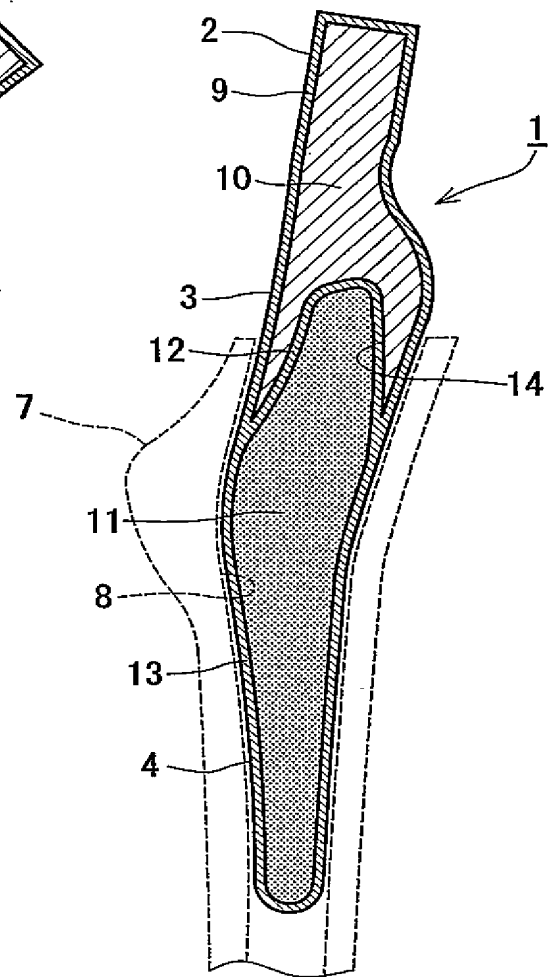
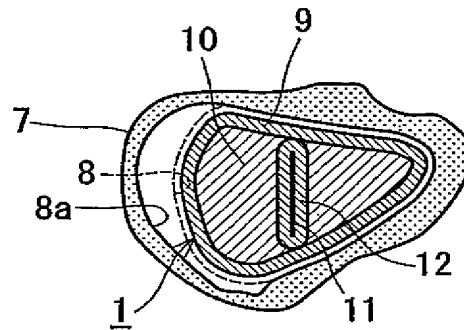
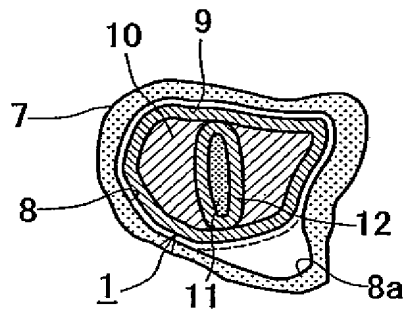


FIG. 3

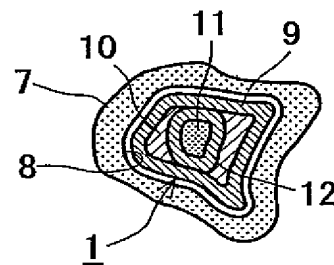
Cross section of B1



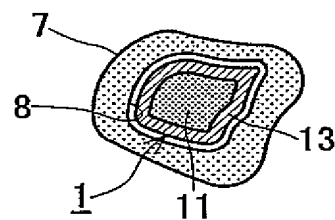
Cross section of B2



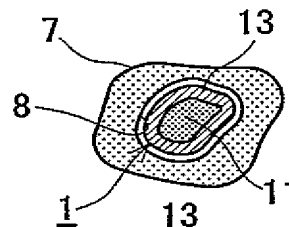
Cross section of B3



Cross section of B4



Cross section of B5



Cross section of B6

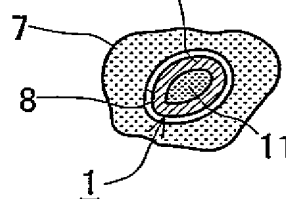


FIG. 4A

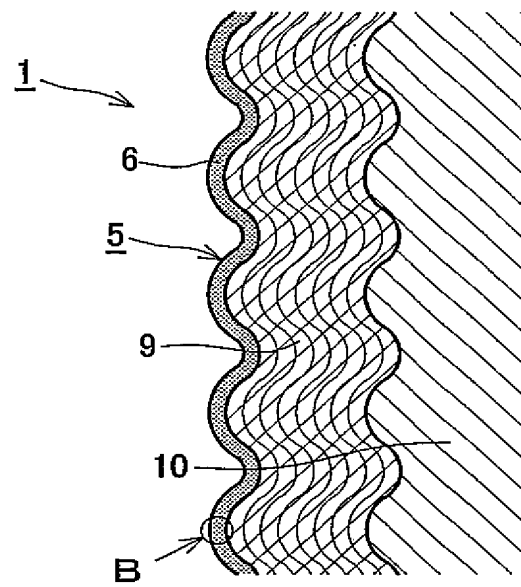


FIG. 4B

Enlarged view of B

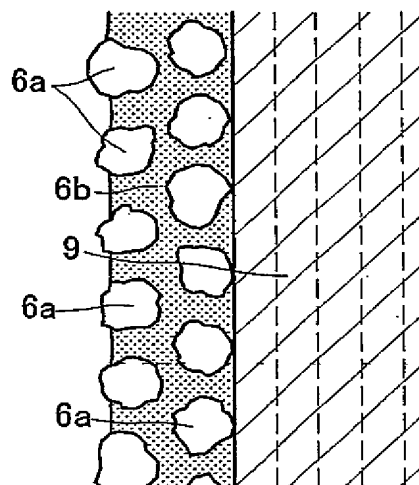


FIG. 5

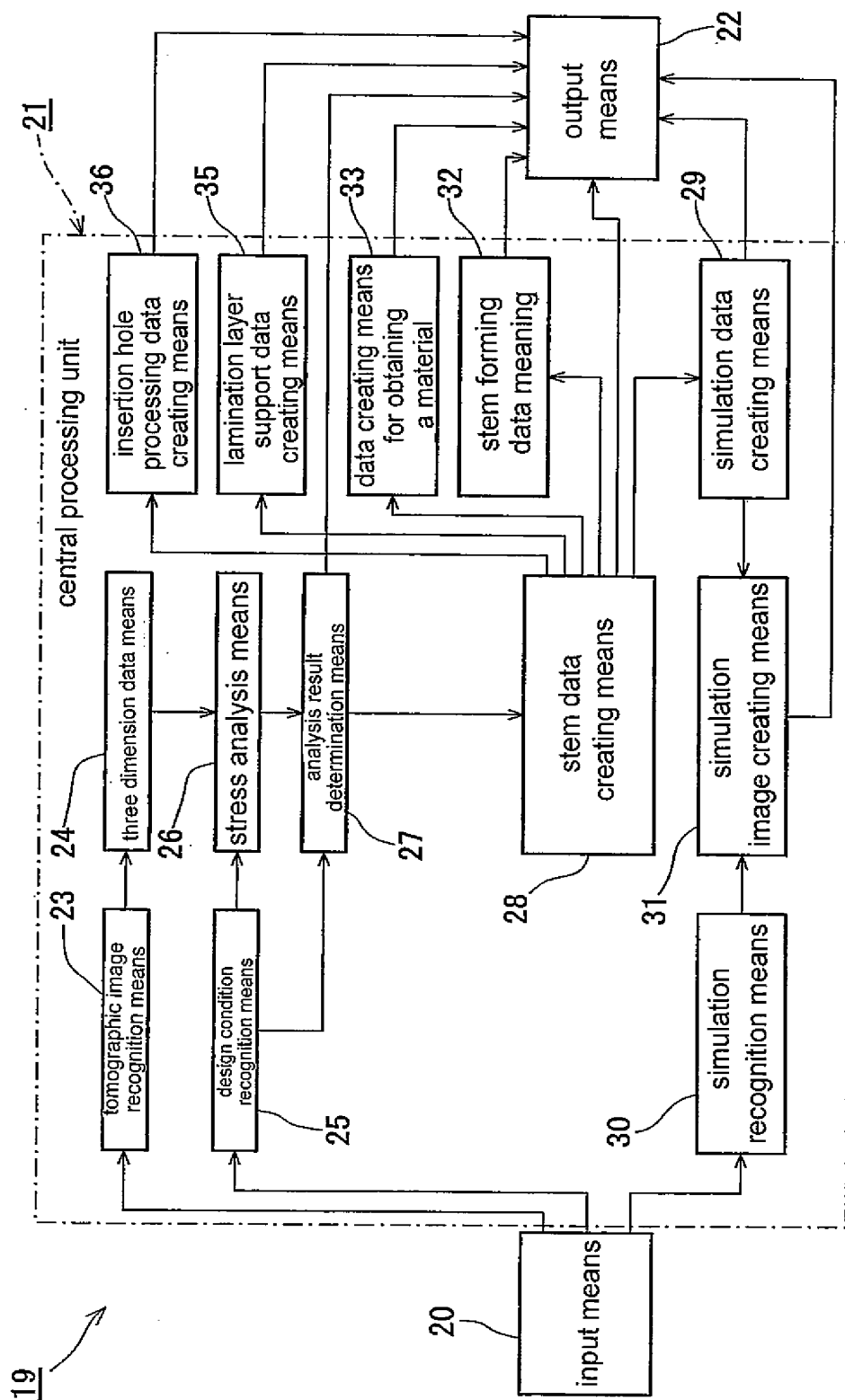


FIG. 6

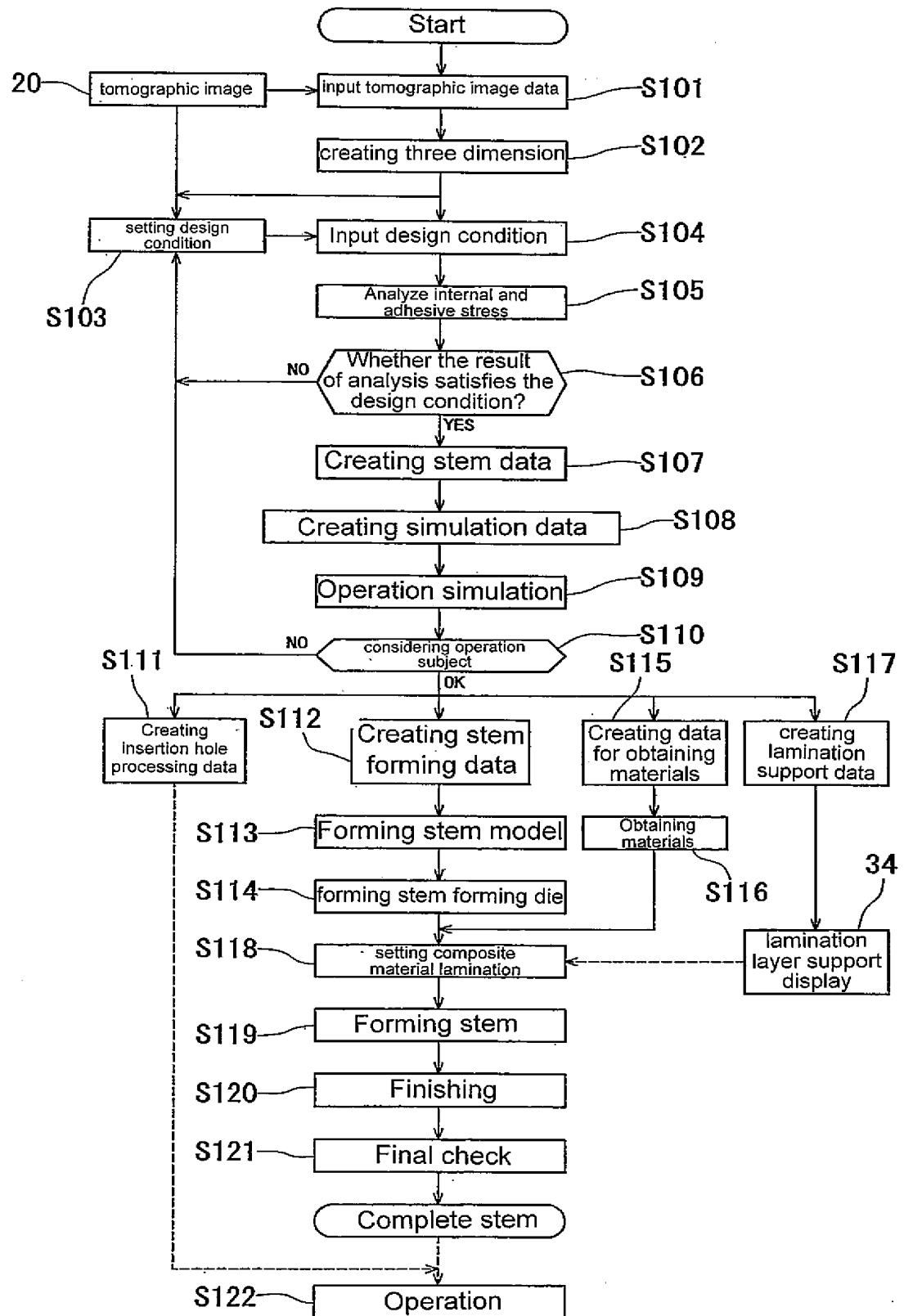


FIG. 7A

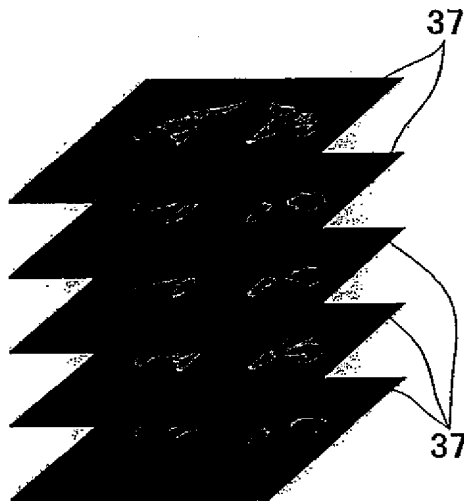


FIG. 7B

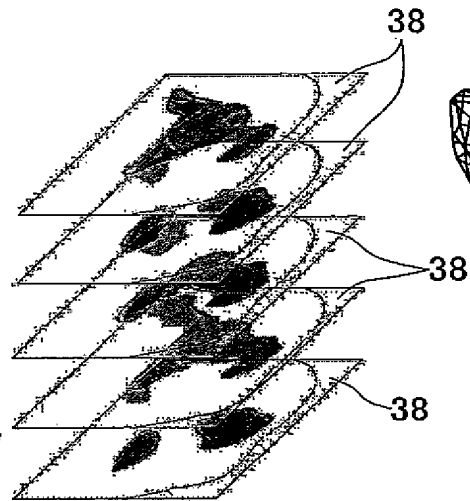


FIG. 7C

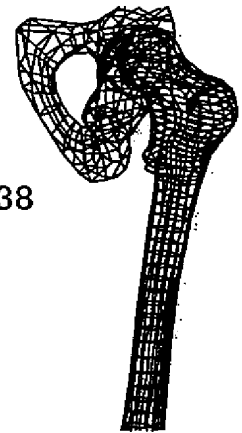


FIG. 8A

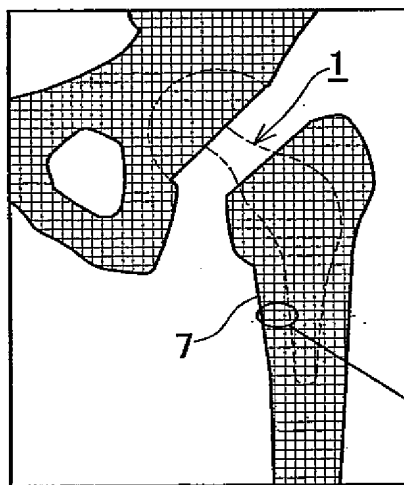


FIG. 8B

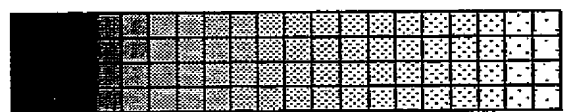
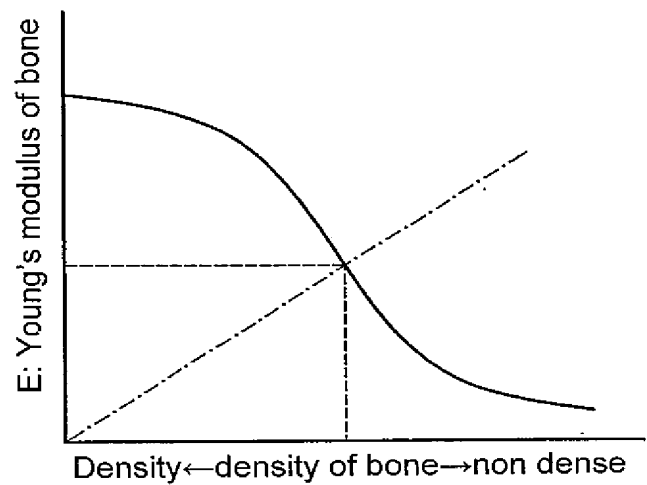


FIG. 8C

FIG. 9A

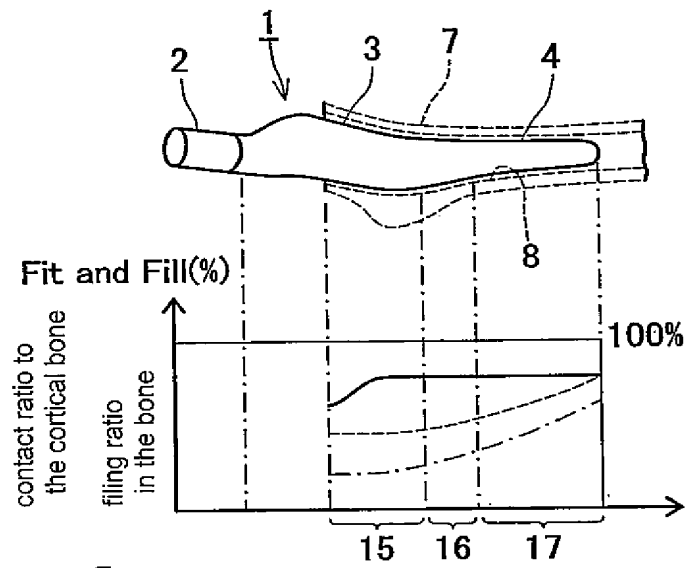


FIG. 9B

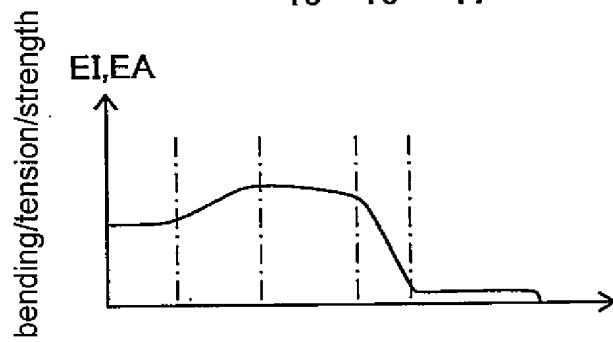


FIG. 9C

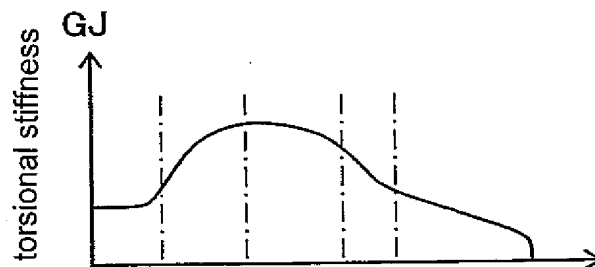


FIG. 10A

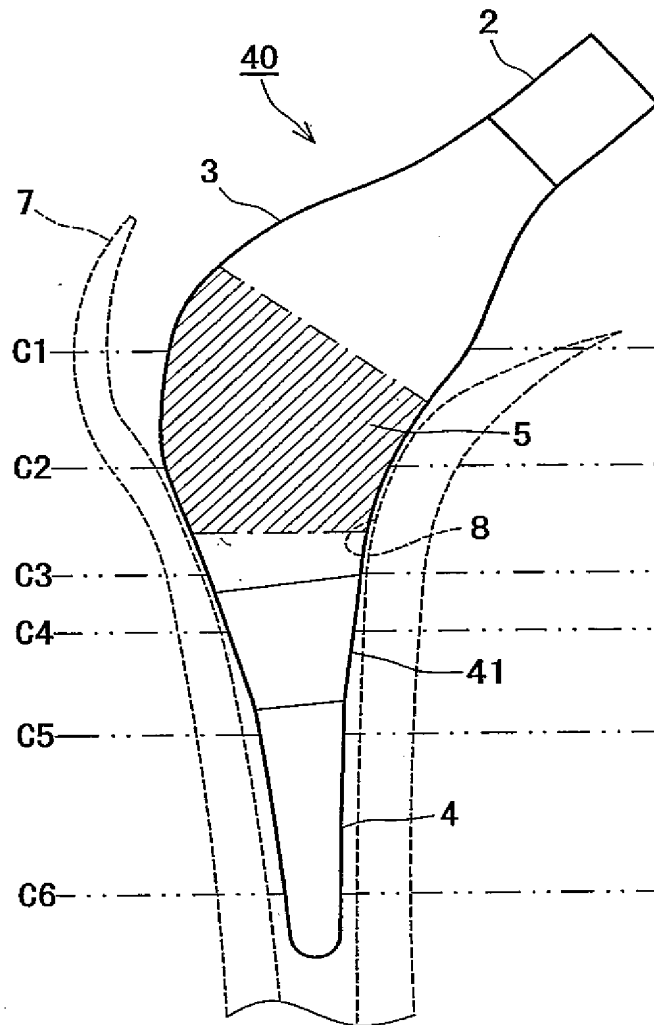


FIG. 10B

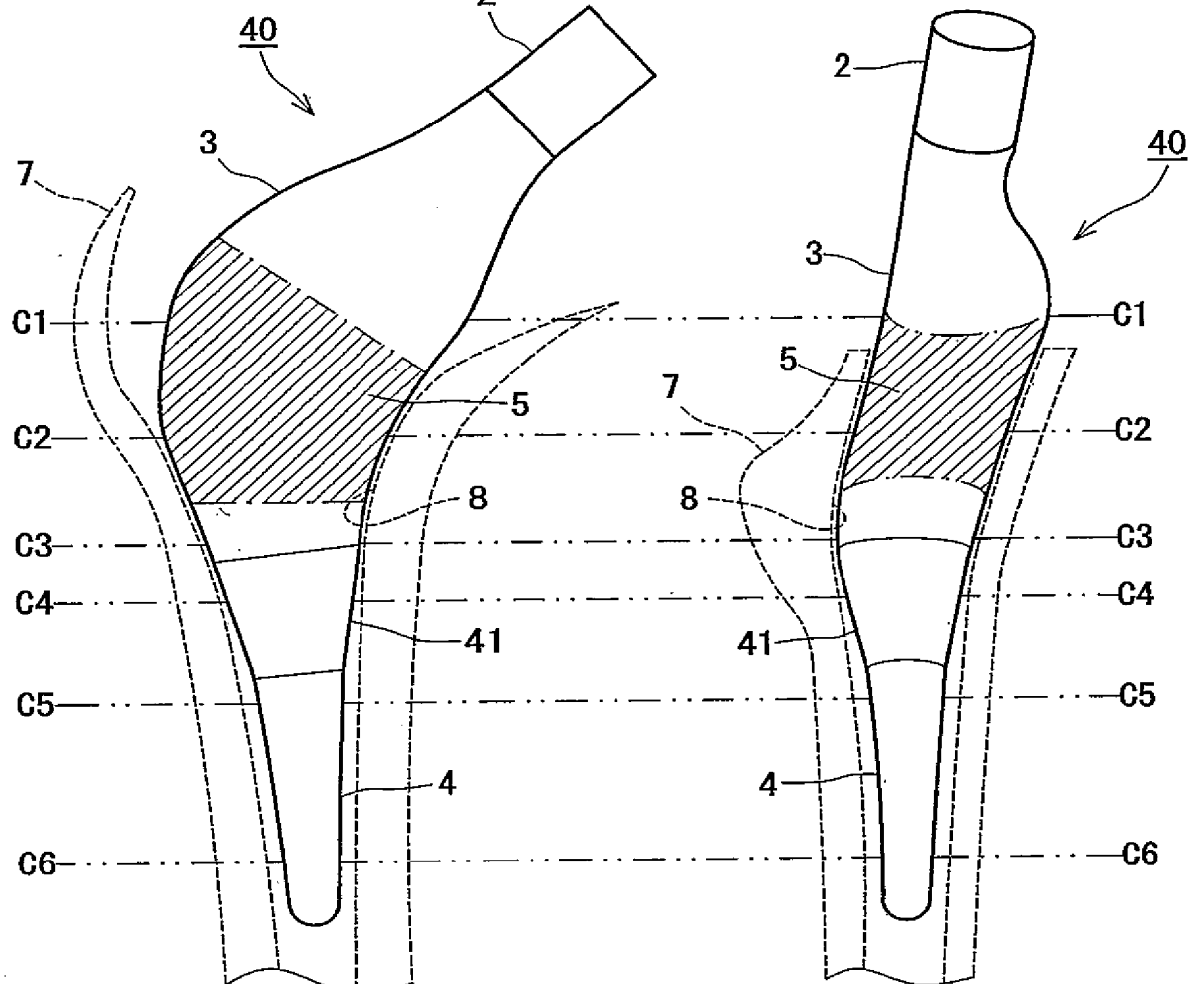
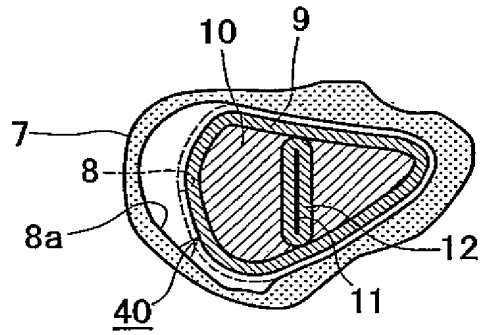
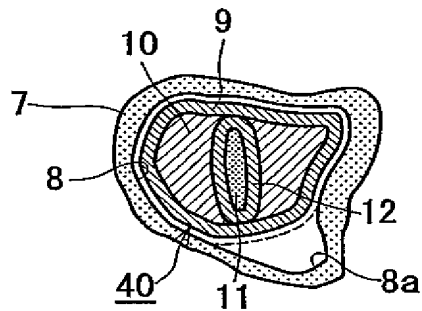


FIG. 11

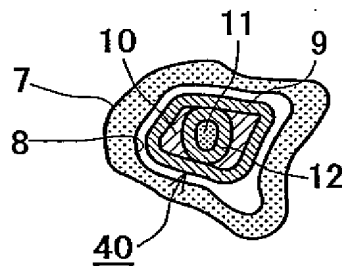
Cross section of C1



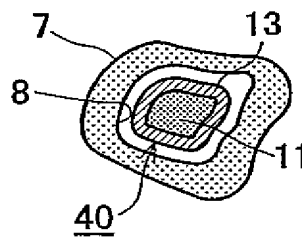
Cross section of C2



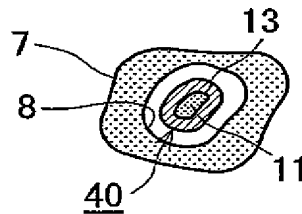
Cross section of C3



Cross section of C4



Cross section of C5



Cross section of C6

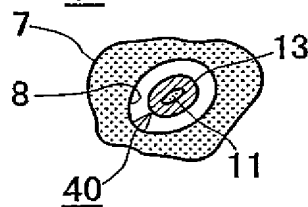


FIG. 12A

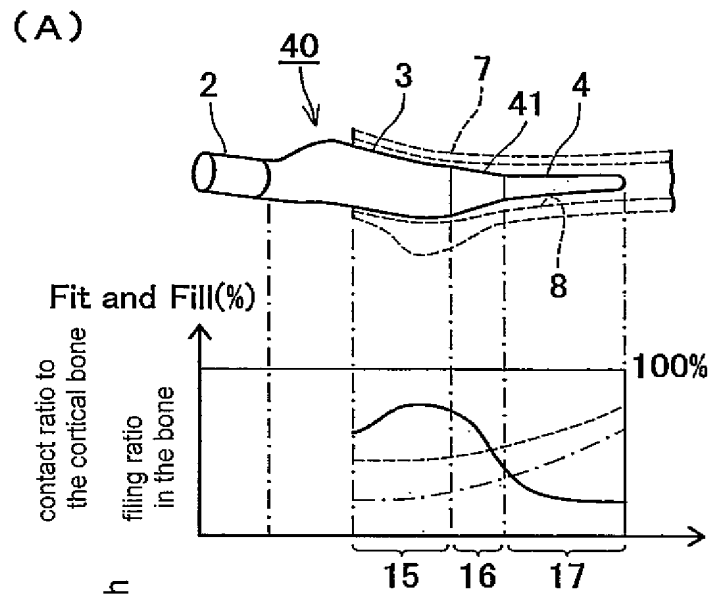


FIG. 12B

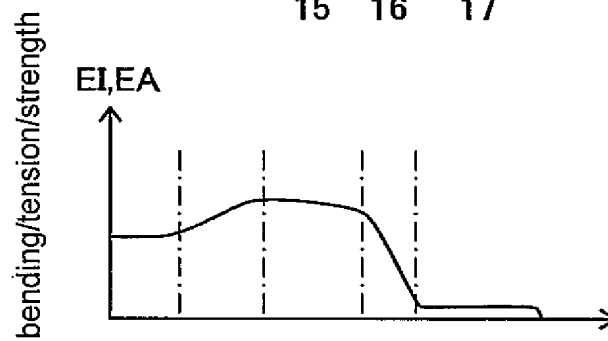


FIG. 12C

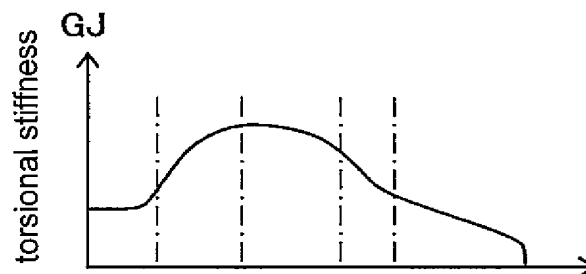


FIG. 13

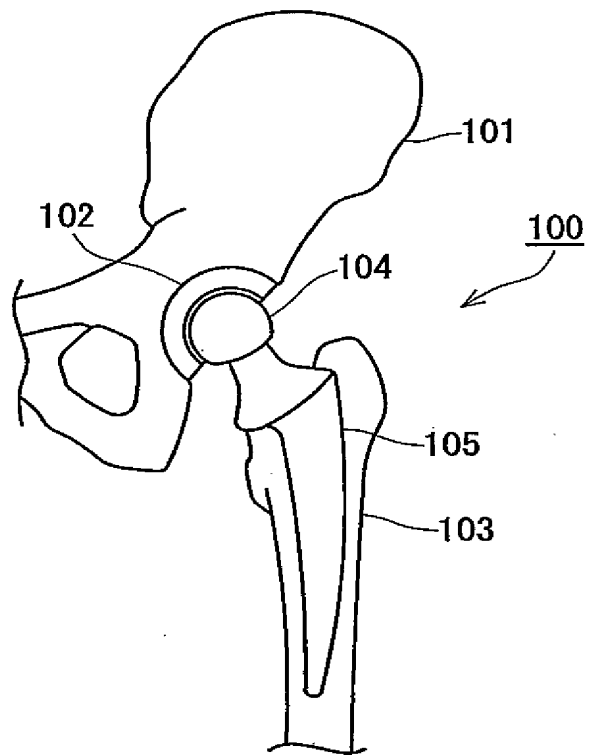


FIG. 14

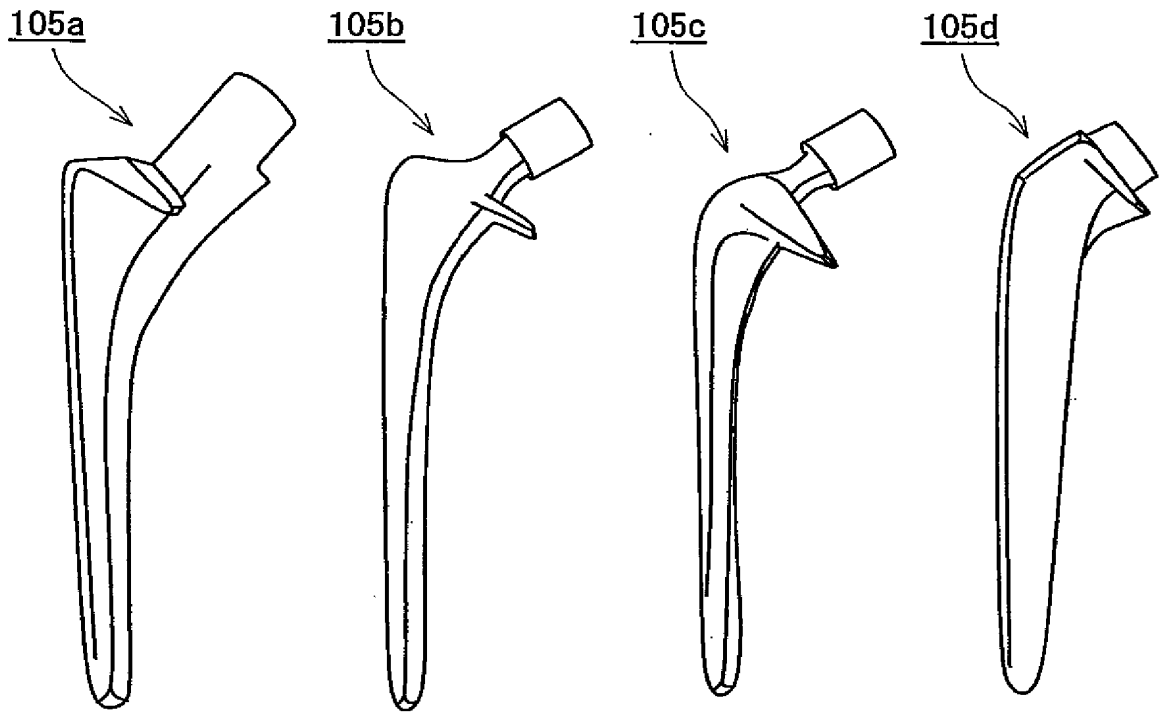


FIG. 15A

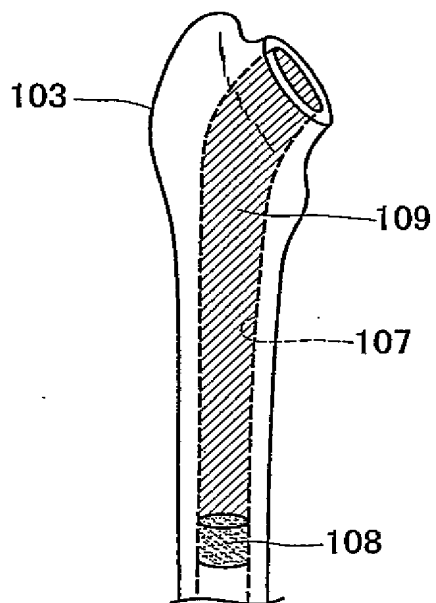


FIG. 15B

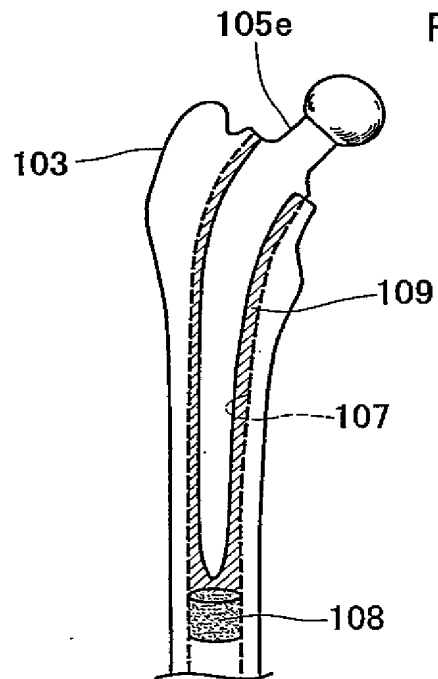


FIG. 16

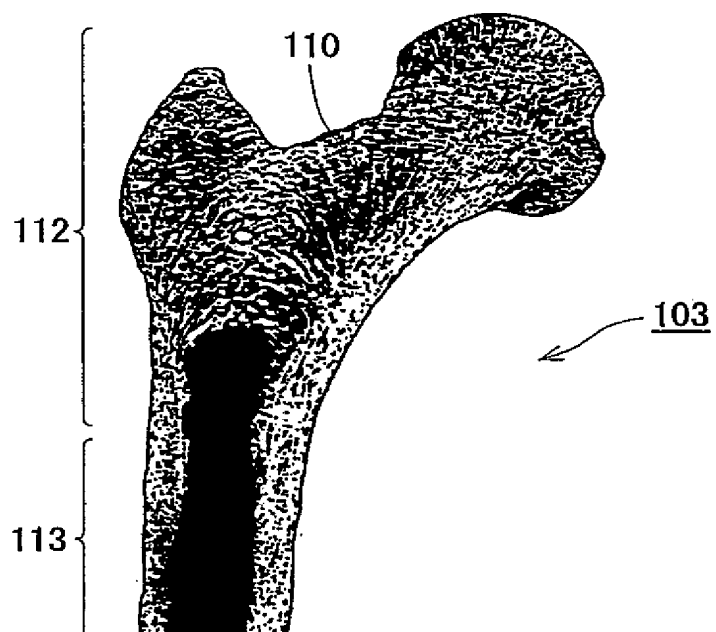


FIG. 17

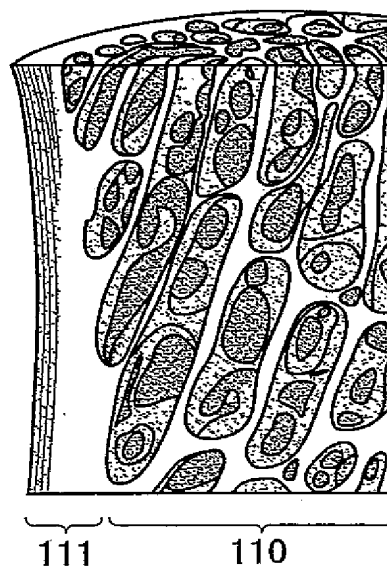
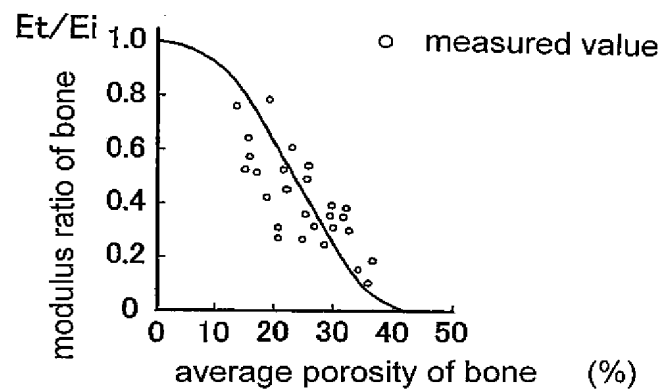
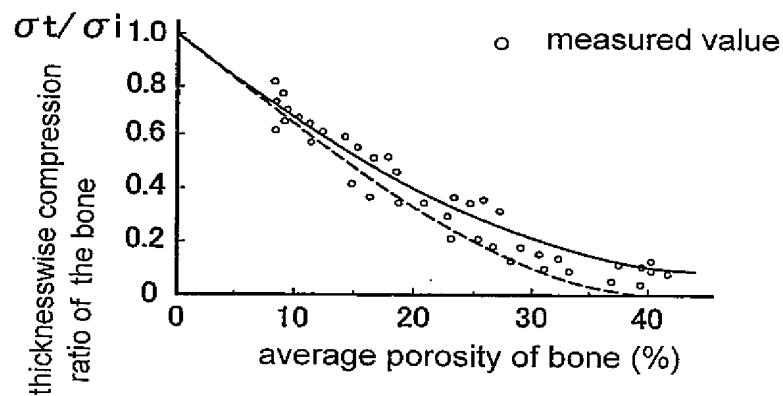


FIG. 18A



modulus ratio of bone and average porosity of bone

FIG. 18B



relationship between thicknesswise compression ration
and average porosity

$$(\sigma_0 = 14.7 \text{ kg/mm}^2)$$

FIG. 19

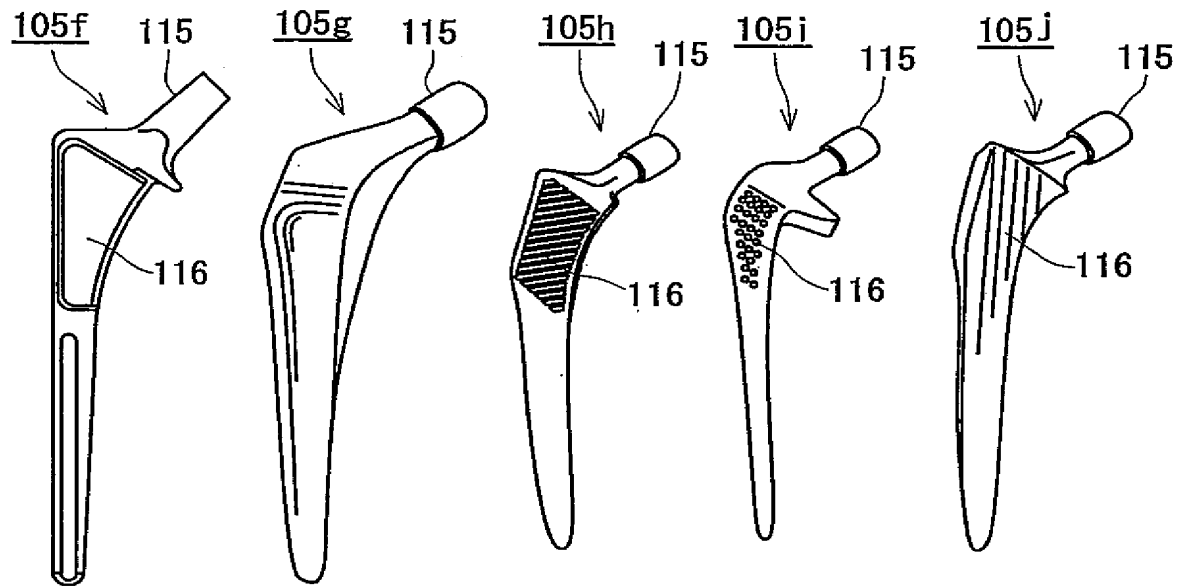


FIG. 20A

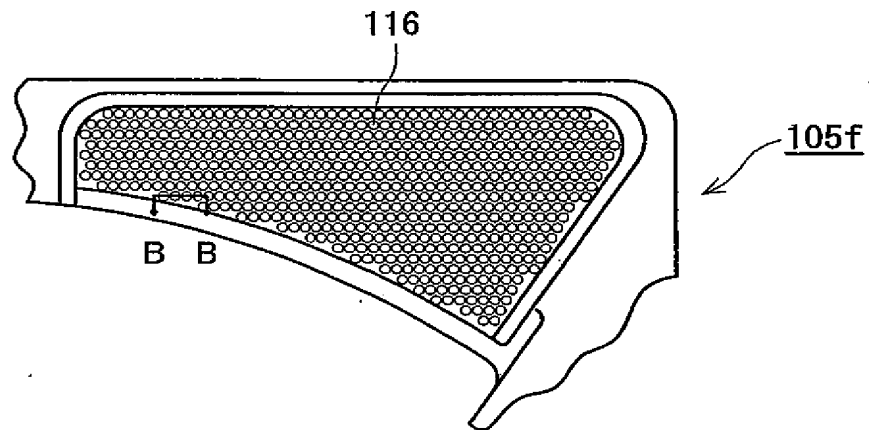


FIG. 20B
enlarged cross section of B-B

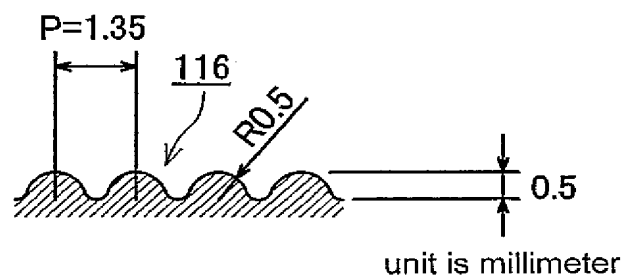


FIG. 21A

FIG. 21B

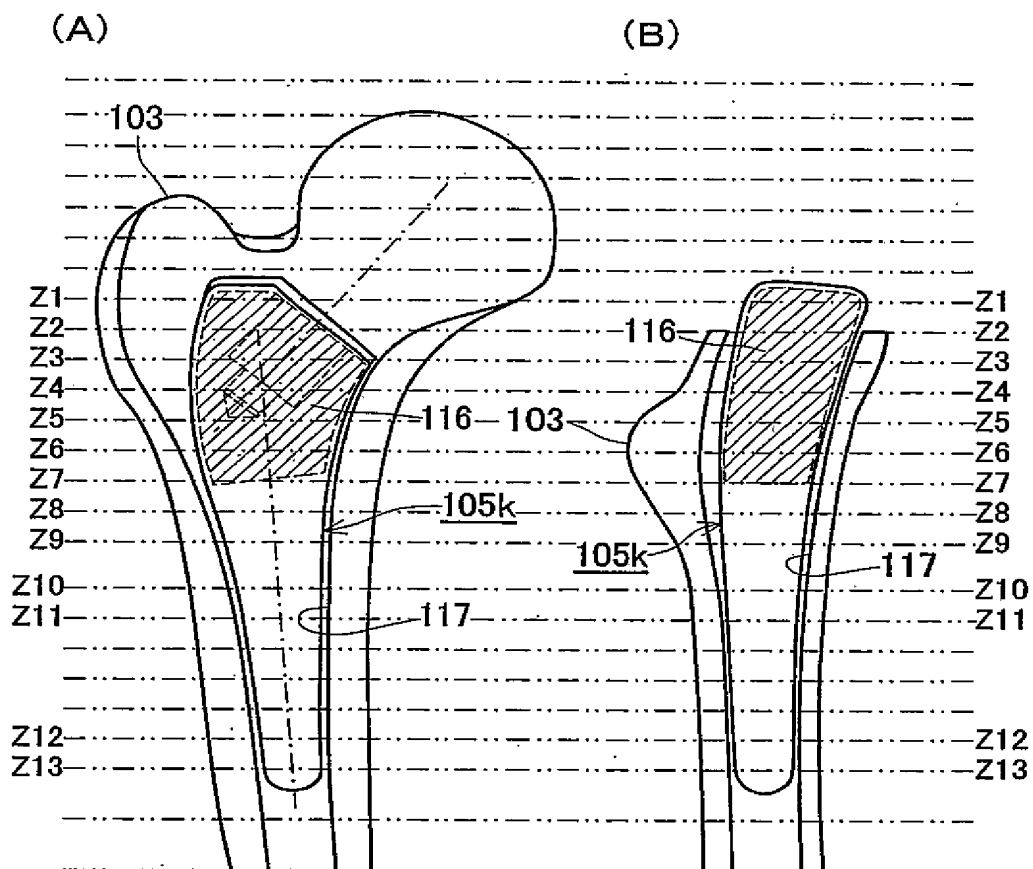
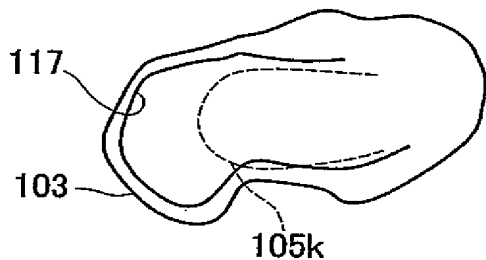
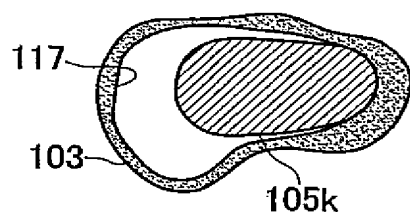


FIG. 22

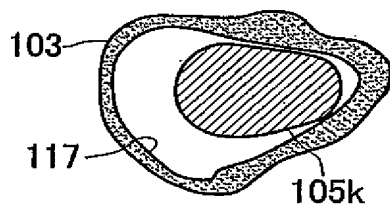
Cross section of Z1



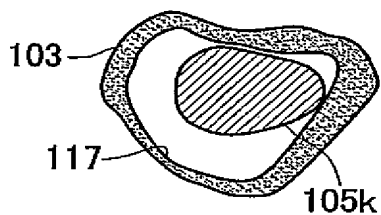
Cross section of Z2



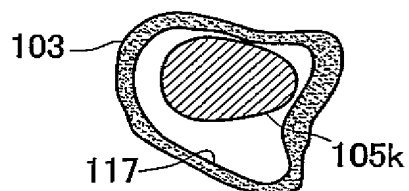
Cross section of Z3



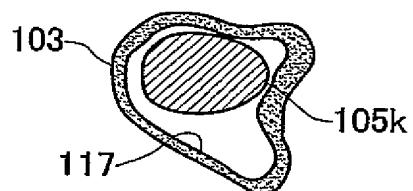
Cross section of Z4



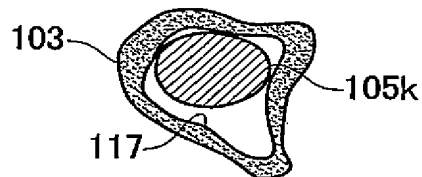
Cross section of Z5



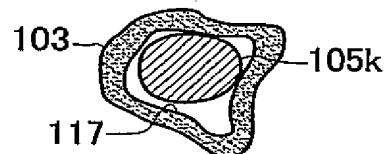
Cross section of Z6



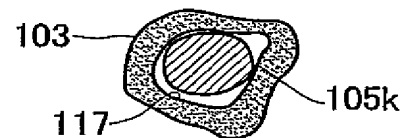
Cross section of Z7



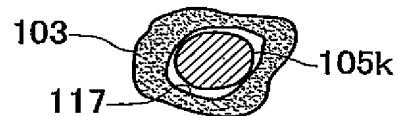
Cross section of Z8



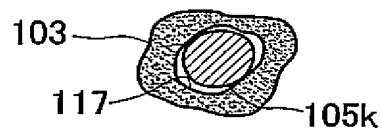
Cross section of Z9



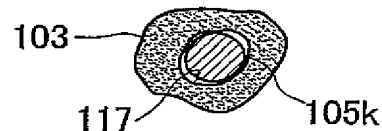
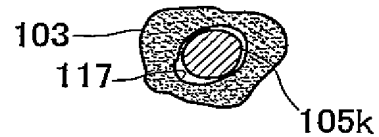
Cross section of Z10



Cross section of Z11



Cross section of Z12



Cross section of Z13

FIG. 23

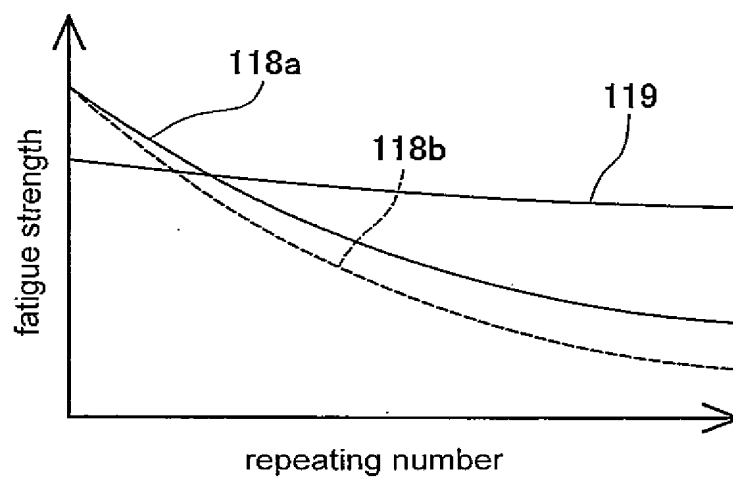


FIG. 24A

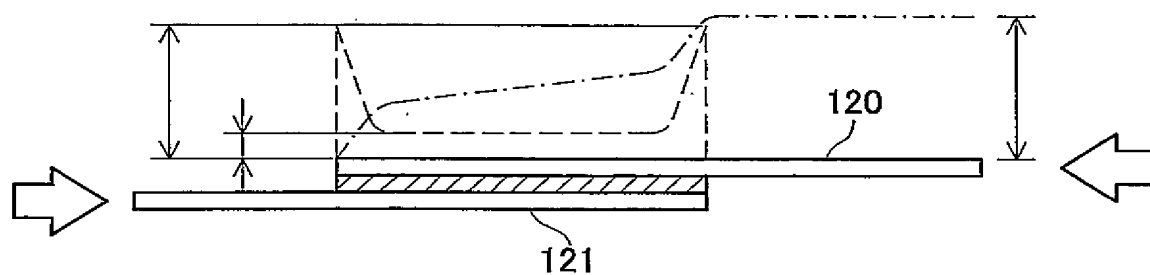


FIG. 24B

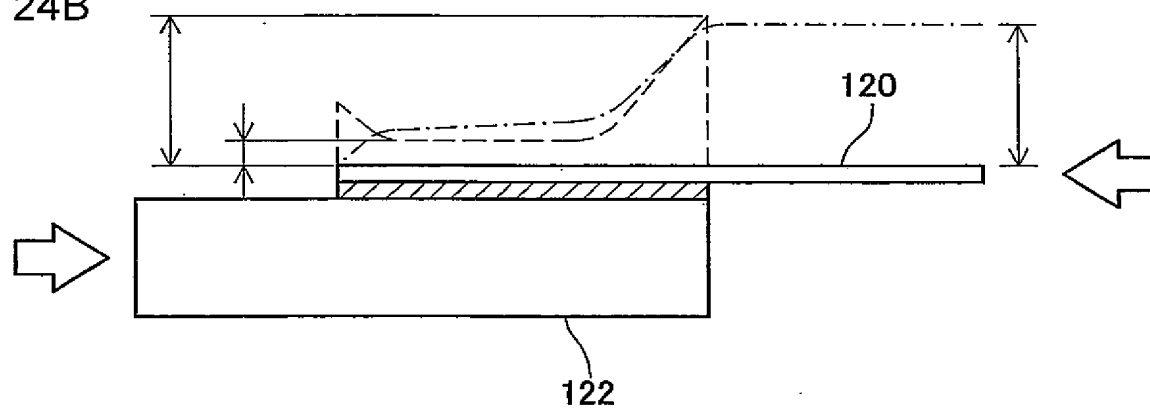


FIG. 24C

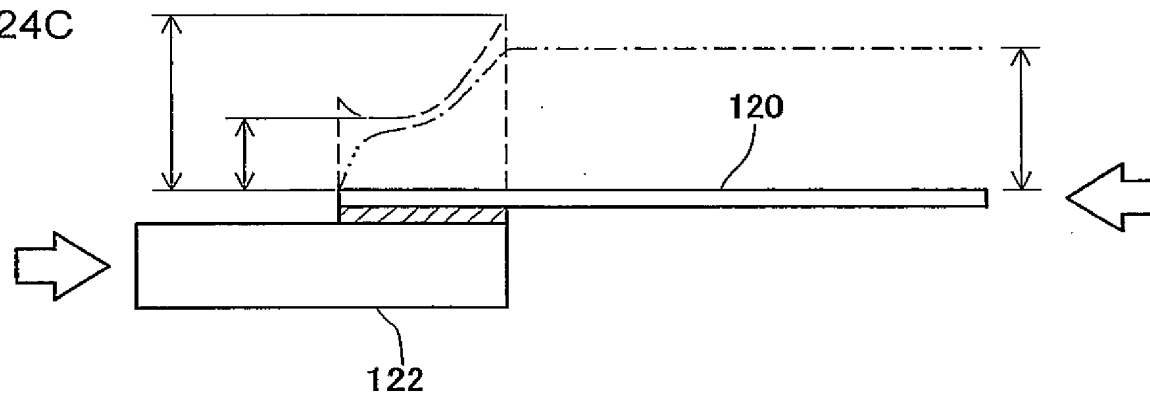


FIG. 24D

